

Amendments to the Claims

Please amend claims 1, 9, and 16 as follows: All pending claims, whether or not amended, are represented below for the Examiner's convenience and will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method for modulating inflammation in a patient, comprising ~~the step of administering to a cutaneous site in said patient, a recombinant nucleic acid~~ comprising nucleic acid encoding a biologically active fragment of leukemia inhibitory factor (LIF) and a promoter operably linked thereto which is capable of expressing said LIF to a patient in an amount effective in said patient to modulate inflammation at said site wherein said recombinant nucleic acid is expressed and said LIF produced modulates said inflammation.

2. (Original) The method of Claim 1, wherein said nucleic acid is contained within a viral vector.

3. (Original) The method of Claim 2, wherein said viral vector is an adenovirus.

4. (Original) The method of claim 1, where said administering is prior to an insult which otherwise results in inflammation.

C{ 5. (Original) The method of claim 1, where said administering is approximately coincident with an insult which otherwise results in inflammation.

6. (Original) The method of claim 1 where said administering is to a site of inflammation or potential inflammation.

7. (Original) The method of claim 1 where said administering further modulates swelling

8. (Original) The method of claim 1 where said administering further modulates macrophage infiltration into a site of inflammation or potential inflammation.

9. (Currently Amended) A method for modulating swelling associated with inflammation in a patient comprising ~~the step of administering to a cutaneous site in said patient, a recombinant nucleic acid~~ comprising nucleic acid encoding a biologically active fragment of leukemia inhibitory factor (LIF) and a promoter operably linked thereto which is capable of expressing said LIF to a patient in an amount effective in said patient to modulate said swelling

associated with inflammation at said site wherein said recombinant nucleic acid is expressed and said LIF produced modulates said swelling.

10 (Original) The method of Claim 9, wherein said nucleic acid is contained within a viral vector.

11 (Original) The method of Claim 10, wherein said viral vector is an adenovirus.

12 (Original) The method of claim 9 where said administering is prior to an insult otherwise resulting in pain.

13 (Original) The method of claim 9, where said administering is approximately coincident with an insult which otherwise results in inflammation.

14 (Original) The method of claim 9 where said administering is to a site of inflammation or potential inflammation.

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15 (Original) The method of claim 9 where said administering also modulates inflammation.

16 (Currently Amended) A method for modulating infiltration of macrophage associated with inflammation in a patient comprising the step of administering to a cutaneous site in said patient, a recombinant nucleic acid comprising nucleic acid encoding a biologically active fragment of leukemia inhibitory factor (LIF) and a promoter operably linked thereto which is capable of expressing said LIF to an individual in an amount effective in said patient to modulate the infiltration of macrophage at said site wherein said recombinant nucleic acid is expressed and said LIF produced modulates said infiltration of macrophage.

17 (Original) The method of Claim 16, wherein said nucleic acid is contained within a viral vector.

18 (Original) The method of Claim 17, wherein said viral vector is an adenovirus.

19 (Original) The method of claim 16 where said administering is prior to an insult resulting in pain.

20. (Original) The method of claim 16, where said administering is approximately coincident with an insult which results in inflammation.

21. (Original) The method of claim 16 where said administering is to a site of inflammation or potential inflammation.

22. (Original) The method of claim 16 where said administering also modulates inflammation.

23. (Original) The method of claim 1 or 9 or 16 wherein said modulating is reducing.